

REMARKS/ARGUMENTS

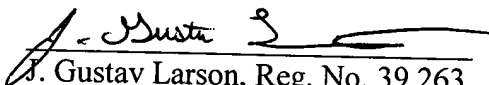
Attached hereto is a marked-up version of the changes made to the specification by the current preliminary amendment. The attached page is captioned "Version with markings to show changes made."

In conclusion, Applicant has corrected an informality in the co-pending applications section of the specification and updated the incorporation by reference on page 6 to include the application serial number of the referenced case and to list the proper title of the referenced case. If, for any reason, the Office is unable to allow the Application on the next Office Action, and believes a telephone interview would be helpful, the Examiner is respectfully requested to contact the undersigned attorney.

No fees are believed necessary at this time. However, the Commissioner is hereby authorized to charge any fees and credit any over payments to deposit account #501835 if necessary.

Respectfully submitted,

11-13-02
Date


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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

COPENDING APPLICATIONS

This application is related to United States Patent Application Serial No. 09/819,147 entitled "DEVICE AND METHOD FOR COMPRESSION OF A VIDEO STREAM," filed March 27, 2001, having Attorney Docket Number VIXS.0100010[,] ; United States Patent Application Serial Number 09/917,967 entitled "METHOD AND DEVICE FOR VIDEO PROCESSING," filed July 30, 2001 having Attorney Docket Number VIXS.0100100; [and]United States Patent Application Serial Number 09/918,384 entitled ["SYSTEM AND METHOD FOR ADAPTIVE QUANTIZATION OV VIDEO CONTENT"] "METHOD AND SYSTEM FOR ACCESSING DATA", filed [herewith] on [even date] July 30, 2001, having Attorney Docket Number [VIXS.0100130] VIXS.0100110; and United States Patent Application Serial Number 09/918,380 entitled "SYSTEM AND METHOD FOR MULTIPLE CHANNEL VIDEO" filed on July 30, 2001, having Attorney Docket Number VIXS.0100090.

Please replace the last paragraph on Page 6 of the Specification.

Note further that within each picture data quantization information for each macroblock can vary depending on the content of each macroblock. Using larger quantization values will generate more compressed data, and result in smaller data streams, but will also introduce loss of detail in each macroblock. In a well encoded source MPEG2 stream (received data) the quantization information from each macroblock will be optimized and, in accordance with the present disclosure, we can reuse this quantization information as is disclosed in pending patent application number 09/990,737 having docket number VIXS.0100130 entitled ["SYSTEM AND METHOD FOR ADAPTIVE QUANTIZATION OF VIDEO CONTENT"] "METHOD AND SYSTEM FOR RATE CONTROL DURING VIDEO TRANSCODING," and filed [on a concurrent date] concurrently with the present application on November 21, 2001, and is hereby incorporated herein by reference. In fact, a higher quality picture can be obtained by reusing this quantization information, thereby allowing larger quantization for macroblocks that can afford to lose detail associated with aggressive compression, while preserving detail for macroblocks that should contain greater details.